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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</i> |  | Attorney Docket No.<br><b>P-5691-US</b>  |
|  |  | First Inventor or Application Identifier<br><b>REUVEN, Yossef</b>                    |
| Title  |  | <b>METHOD AND APPARATUS TO GENERATE SIGNALS USING TWO OR MORE PHASE LOCKED LOOPS</b> |
|  |  | Express Mail Label No.   |

|   |   |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
|---|---|---|--|--|---|---|---|--|--|-----------------------------------|--|--|---------------------------------------|--|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning patent application contents</i>   |   | ADDRESS TO:<br><b>Commissioner for Patents<br/>P. O. Box 1450<br/>Alexandria, VA 22313-1450</b> |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| <p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)<br/><i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 13]<br/><i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 1]</p> <p>5. Oath or Declaration [Total Pages 3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br/><i>(for continuation/divisional with Box 16 completed)</i></p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/><i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:       <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |   |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| <b>ACCOMPANYING APPLICATION PARTS</b> <table border="0"> <tr> <td>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</td> <td rowspan="2"><input type="checkbox"/> Power of Attorney</td> </tr> <tr> <td>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement<br/><i>(when there is an assignee)</i></td> </tr> <tr> <td>11. <input type="checkbox"/> English Translation Document (if applicable)</td> <td rowspan="2"><input checked="" type="checkbox"/> Copies of IDS Citations</td> </tr> <tr> <td>12. <input checked="" type="checkbox"/> Information Disclosure Statement(IDS)/PTO-1449</td> </tr> <tr> <td>13. <input type="checkbox"/> Preliminary Amendment</td> <td rowspan="2"><input type="checkbox"/> Postcard</td> </tr> <tr> <td>14. <input type="checkbox"/> Return Receipt Postcard (MPEP 5303)<br/><i>(Should be specifically itemized)</i></td> </tr> <tr> <td>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/><i>(if foreign priority is claimed)</i></td> <td rowspan="2"><input type="checkbox"/> Other: _____</td> </tr> <tr> <td>16. <input checked="" type="checkbox"/> Postcard</td> </tr> </table>   |   |   | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) | <input type="checkbox"/> Power of Attorney | 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement<br><i>(when there is an assignee)</i> | 11. <input type="checkbox"/> English Translation Document (if applicable) | <input checked="" type="checkbox"/> Copies of IDS Citations | 12. <input checked="" type="checkbox"/> Information Disclosure Statement(IDS)/PTO-1449 | 13. <input type="checkbox"/> Preliminary Amendment | <input type="checkbox"/> Postcard | 14. <input type="checkbox"/> Return Receipt Postcard (MPEP 5303)<br><i>(Should be specifically itemized)</i> | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i> | <input type="checkbox"/> Other: _____ | 16. <input checked="" type="checkbox"/> Postcard |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))  | <input type="checkbox"/> Power of Attorney                  |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement<br><i>(when there is an assignee)</i>   |   |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 11. <input type="checkbox"/> English Translation Document (if applicable)   | <input checked="" type="checkbox"/> Copies of IDS Citations |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement(IDS)/PTO-1449  |   |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 13. <input type="checkbox"/> Preliminary Amendment  | <input type="checkbox"/> Postcard                           |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 14. <input type="checkbox"/> Return Receipt Postcard (MPEP 5303)<br><i>(Should be specifically itemized)</i>  |   |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>  | <input type="checkbox"/> Other: _____                       |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |
| 16. <input checked="" type="checkbox"/> Postcard  |   |   |  |  |   |   |   |  |  |                                   |  |  |                                       |  |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

|   |  |  |                |   |                |
|---|--|--|----------------|---|----------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code |  | 27130<br>(Insert Customer No. or Attach bar code label here) |                | or <input checked="" type="checkbox"/> Correspondence address below |                |
| Name  | Eitan, Pearl, Latzer & Cohen Zedek, LLP. |  |                |   |                |
| Address   | 10 Rockefeller Plaza<br>Suite 1001       |  |                |   |                |
| City  | New York                                 | State  | New York       | Zip Code  | 10020          |
| Country   | USA                                      | Telephone  | (212) 632-3480 | Fax   | (212) 632-3489 |

|                   |                   |                                   |        |
|-------------------|-------------------|-----------------------------------|--------|
| Name (Print/Type) | Caleb Pollack     | Registration No. (Attorney/Agent) | 37,912 |
| Signature         | 18 September 2003 |                                   |        |

03970 U 10/664850  
PTO  
09/22/03

15915  
0/22/03  
U.S. PTO

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# FEE TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT** (\$906)

## Complete if Known

|                      |                |
|----------------------|----------------|
| Application Number   |                |
| Filing Date          |                |
| First Named Inventor | REUVEN, Yossef |
| Examiner Name        |                |
| Group / Art Unit     | Not yet known  |
| Attorney Docket No.  | P-5691-US      |

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **05-0649**  
 Deposit Account Name **Eitan, Pearl, Latzer & Cohen Zedek, LLP**  
 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description             | Fee Paid   |
|----------------------------|----------------------------|-----------------------------|------------|
| 1001                       | 750                        | 2001 Utility filing fee     | <b>750</b> |
| 1002                       | 330                        | 2002 Design filing fee      |            |
| 1003                       | 520                        | 2003 Plant filing fee       |            |
| 1004                       | 750                        | 2004 Reissue filing fee     |            |
| 1005                       | 160                        | 2005 Provisional filing fee |            |

**SUBTOTAL (1) (\$750)**

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Independent Claims | Extra Claims |         | Fee from Below | Fee Paid  |  |
|--------------------|--------------------|--------------|---------|----------------|-----------|--|
|                    |                    | 24           | -20** = | 4              | x 18 = 72 |  |
|                    |                    | 4            | - 3** = | 1              | x 84 = 84 |  |
| Multiple Dependent |                    |              |         | x [ ]          | = [ ]     |  |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description   |
|----------------------------|----------------------------|---|
| 1202                       | 18                         | 2202 9 Claims in excess of 20                                     |
| 1201                       | 84                         | 2201 42 Independent claims in excess of 3                         |
| 1203                       | 280                        | 2203 140 Multiple dependent claim, if not paid                    |
| 1204                       | 84                         | 2204 42 ** Reissue independent claims over original patent        |
| 1205                       | 18                         | 2205 9 ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) (\$156)**

\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051                       | 130                        | 2051 65 Surcharge - late filing fee or oath  |          |
| 1052                       | 50                         | 2052 25 Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053                       | 130                        | 1053 130 Non-English specification   |          |
| 1812                       | 2,520                      | 1812 2,520 For filing a request for ex parte reexamination                         |          |
| 1804                       | 920*                       | 1804 920* Requesting publication of SIR prior to Examiner action                   |          |
| 1805                       | 1,840*                     | 1805 1,840* Requesting publication of SIR after Examiner action                    |          |
| 1251                       | 110                        | 2251 55 Extension for reply within first month                                     |          |
| 1252                       | 410                        | 2252 205 Extension for reply within second month                                   |          |
| 1253                       | 930                        | 2253 465 Extension for reply within third month                                    |          |
| 1254                       | 1,450                      | 2254 725 Extension for reply within fourth month                                   |          |
| 1255                       | 1,970                      | 2255 985 Extension for reply within fifth month                                    |          |
| 1401                       | 320                        | 2401 160 Notice of Appeal  |          |
| 1402                       | 320                        | 2402 160 Filing a brief in support of an appeal                                    |          |
| 1403                       | 280                        | 2403 140 Request for oral hearing  |          |
| 1451                       | 1,510                      | 1451 1,510 Petition to institute a public use proceeding                           |          |
| 1452                       | 110                        | 2452 55 Petition to revive - unavoidable   |          |
| 1453                       | 1,300                      | 2453 650 Petition to revive - unintentional  |          |
| 1501                       | 1,300                      | 2501 650 Utility issue fee (or reissue)  |          |
| 1502                       | 470                        | 2502 235 Design issue fee  |          |
| 1503                       | 630                        | 2503 315 Plant issue fee   |          |
| 1460                       | 130                        | 1460 130 Petitions to the Commissioner   |          |
| 1807                       | 50                         | 1807 50 Processing fee under 37 CFR 1.17(q)  |          |
| 1808                       | 180                        | 1806 180 Submission of Information Disclosure Stmt                                 |          |
| 8021                       | 40                         | 8021 40 Recording each patent assignment per property (times number of properties) |          |
| 1809                       | 750                        | 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))               |          |
| 1810                       | 750                        | 2810 375 For each additional Invention to be examined (37 CFR 1.129(b))            |          |
| 1801                       | 750                        | 2801 375 Request for Continued Examination (RCE)                                   |          |
| 1802                       | 900                        | 1802 900 Request for expedited examination of a design application                 |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

## SUBMITTED BY

Complete (if applicable)

|                    |               |                                      |        |           |                    |
|--------------------|---------------|--------------------------------------|--------|-----------|--------------------|
| Name (Print /Type) | Caleb Pollack | Registration No.<br>(Attorney/Agent) | 37,912 | Telephone | (212) 632-3480     |
| Signature          |               |                                      |        | Date      | September 19, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.